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**BLAST Search Results**

BLAST

Entrez

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**BLASTP 2.0.13 [May-26-2000]****Reference:**

Altschul, Stephen F., Thomas L. Madden, Alejandro A. Schäffer, Jinghui Zhang, Zheng Zhang, Webb Miller, and David J. Lipman (1997), "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs", Nucleic Acids Res. 25:3389-3402.

RID: 962139481-18196-20099

**Query=** gi|5991460|gb|AAE18269.1| Sequence 7 from patent US  
5843678  
(316 letters)

**Database:** nr

512,590 sequences; 160,645,794 total letters

If you have any problems or questions with the results of this search  
please refer to the [BLAST FAQs](#)

[Taxonomy reports](#)**Distribution of 100 Blast Hits on the Query Sequence**

Mouse-over to show defline and scores. Click to show alignments



## Sequences producing significant alignments:

	Score (bits)	E Value
ref NP_035743.1  tumor necrosis factor (ligand) superfamily...	600	e-171
gb AAB86812.1  (AF019048) RANKL [Mus musculus]	597	e-170
dbj BAA36970.1  (AB022039) osteoclast differentiation facto...	588	e-167
gb AAB86811.1  (AF019047) RANKL [Homo sapiens] >gi 3057146 ...	511	e-144
gb AAC51762.1  (AF013171) TRANCE [Homo sapiens]	432	e-120
dbj BAA90488.1  (AB037599) sODF/TRANCE [Homo sapiens]	432	e-120
ref NP_003801.1  tumor necrosis factor (ligand) superfamily...	94	2e-18
pdb 1DG6 A Chain A, Crystal Structure Of Apo21TRAIL	90	3e-17
pdb 1D4V B Chain B, Crystal Structure Of Trail-Dr5 Complex	90	3e-17
pdb 1D0G A Chain A, Crystal Structure Of Death Receptor 5 (...)	90	3e-17
ref NP_033451.1  TNF-related apoptosis inducing ligand >gi ...	86	4e-16
pdb 1D2Q A Chain A, Crystal Structure Of Human Trail	71	1e-11
sp P51749 TNF5 BOVIN CD40 LIGAND (TNF-RELATED ACTIVATION PR...	61	1e-08
ref NP_000065.1  CD40 antigen ligand >gi 231718 sp P29965 T...	58	1e-07
gb AAB25206.1  gp39=CD40 ligand [human, hyper-IgM syndrome ...]	57	3e-07
gb AAB25207.1  gp39=CD40 ligand [human, hyper-IgM syndrome ...]	56	4e-07
pdb 1ALY  Crystal Structure Of Human Cd40 Ligand	56	4e-07
sp P51435 TNFA CAVPO TUMOR NECROSIS FACTOR PRECURSOR (TNF-A...	54	2e-06
ref NP_005109.1  tumor necrosis factor (ligand) superfamily...	54	2e-06
ref NP_034307.1  Fas antigen ligand >gi 729462 sp P41047 FA...	53	4e-06
gb AAB02915.1  (U58995) Fas ligand [Mus musculus]	53	5e-06
gb AAF34866.1  (AF096268) lymphotoxin-beta [Marmota monax]	53	5e-06
gb AAD02954.1  (AF079105) CD40 ligand [Felis catus]	52	6e-06
dbj BAA88349.1  (AB035735) tumor necrosis factor-alpha [Equ...]	52	6e-06
dbj BAA90294.1  (AB035138) Fas ligand [Macaca fascicularis]...	52	8e-06

Set	Items	Description
S1	126	TRANCE
S2	32929	LIGAND
S3	58	S1 AND S2
S4	101	OSTEOPROTEGERIN
S5	677	TRAIL
S6	31491	TUMOR() NECROSIS OR TNF
S7	154	S5 AND S6
S8	62062	MONOCLONAL
S9	14	S7 AND S8
S10	193669	ANTIBODY OR ANTIBODIES OR ANTISERUM OR POLYCLONAL
S11	31	S7 AND S10
S12	17	S11 NOT S9
S13	16	APO() 2L

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